

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F100423AL\
 Data File : FC064734.D
 Signal(s) : FID1A.ch
 Acq On : 05 Oct 2023 03:16
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e
 Quant Time: Oct 05 03:53:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.519	4432295	21.905 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
12) S 1-chlorooctadecane (S...	12.951	3199653	21.967 ug/ml
Spiked Amount 50.000		Recovery =	43.93%
Target Compounds			
1) T n-Nonane (C9)	3.325	3713893	21.016 ug/mlm
2) T n-Decane (C10)	4.383	3839758	21.374 ug/ml
3) T A~Naphthalene (C11.7)	5.963	3932458	20.932 ug/ml
4) T n-Dodecane (C12)	6.390	3905058	21.499 ug/ml
5) T A~2-methylnaphthalene...	7.016	3798136	21.298 ug/ml
6) T n-Tetradecane (C14)	8.177	3829143	21.580 ug/ml
7) T n-Hexadecane (C16)	9.771	3828259	21.297 ug/ml
8) T n-Octadecane (C18)	11.206	3805336	21.018 ug/ml
10) T n-Eicosane (C20)	12.509	3632623	21.326 ug/ml
11) T n-Heneicosane (C21)	13.118	3547651	21.420 ug/ml
13) T n-Docosane (C22)	13.701	3514239	21.572 ug/ml
14) T n-Tetracosane (C24)	14.798	3458607	21.785 ug/ml
15) T n-Hexacosane (C26)	15.816	3340333	21.883 ug/ml
16) T n-Octacosane (C28)	16.759	3350201	22.637 ug/ml
17) T n-Tricontane (C30)	17.643	3563944	23.991 ug/ml
18) T n-Dotriacontane (C32)	18.472	3603495	24.692 ug/ml
19) T n-Tetratriacontane (C34)	19.252	3326196	23.396 ug/ml
20) T n-Hexatriacontane (C36)	19.987	3069714	22.287 ug/ml
21) T n-Octatriacontane (C38)	20.705	2893499	21.113 ug/ml
22) T n-Tetracontane (C40)	21.586	2752520	20.235 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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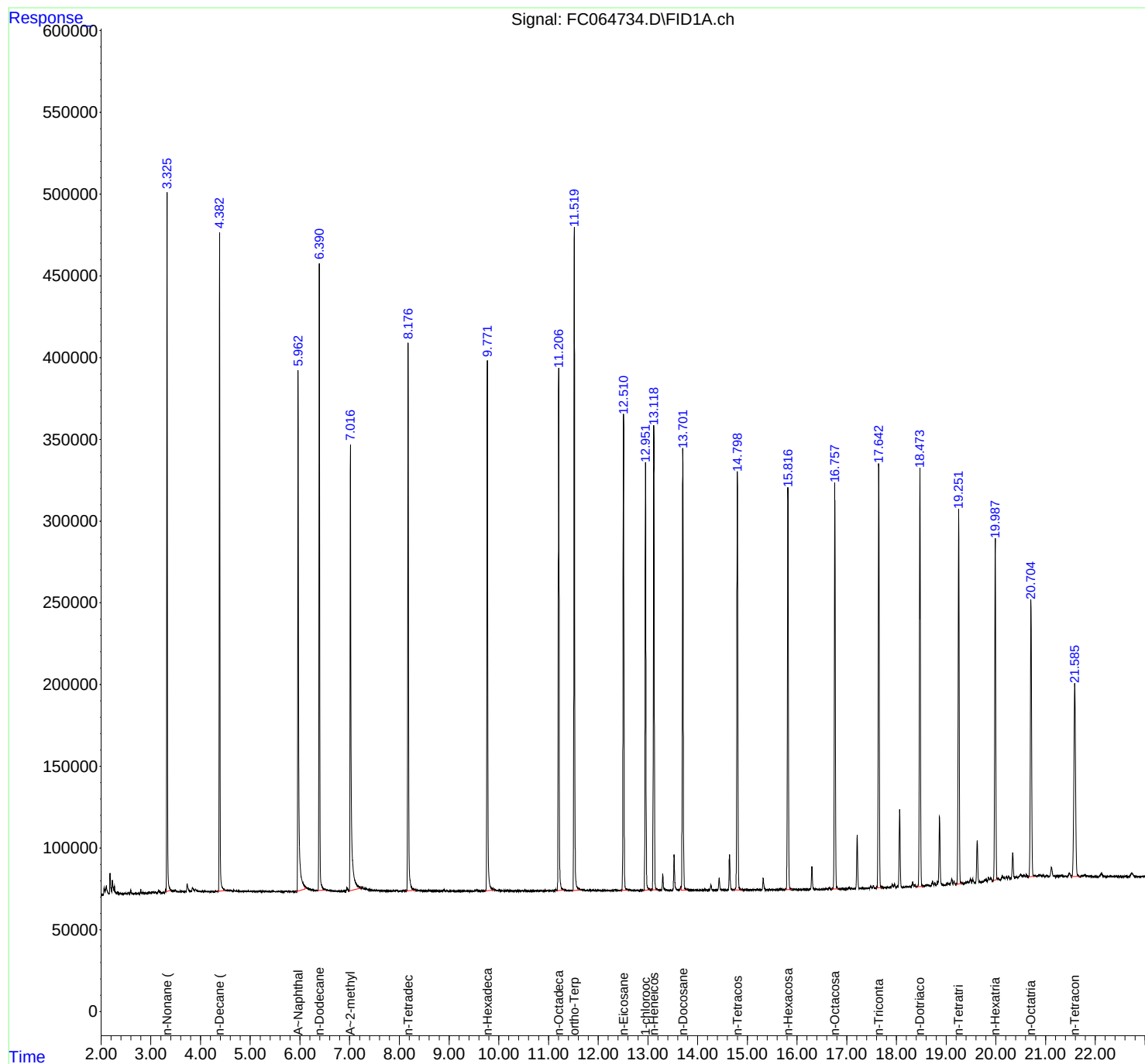
Instrument :
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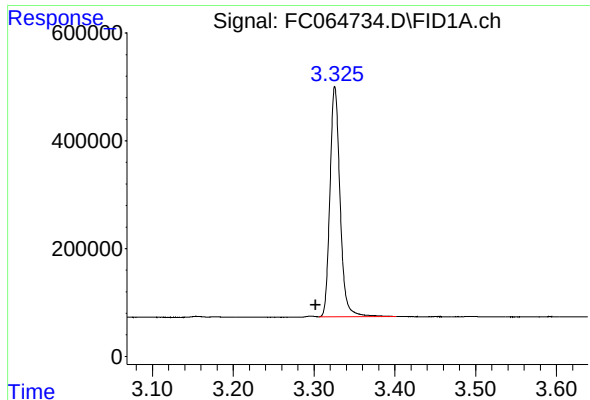
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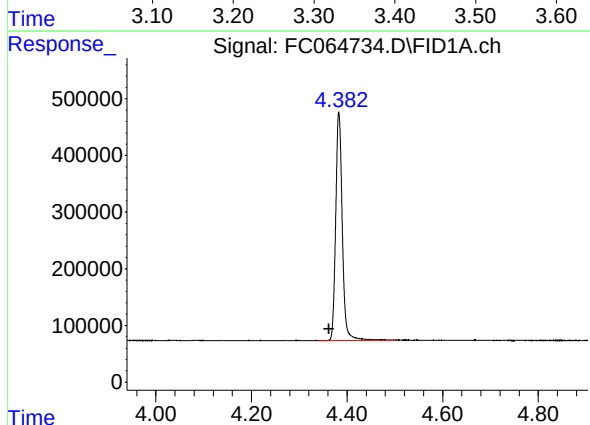
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: 0.023 min
Response: 3713893
Conc: 21.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

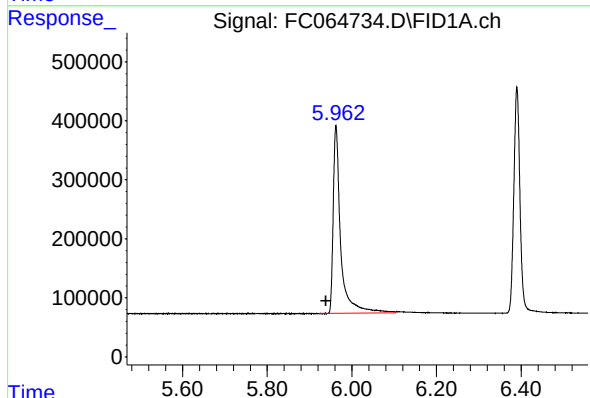
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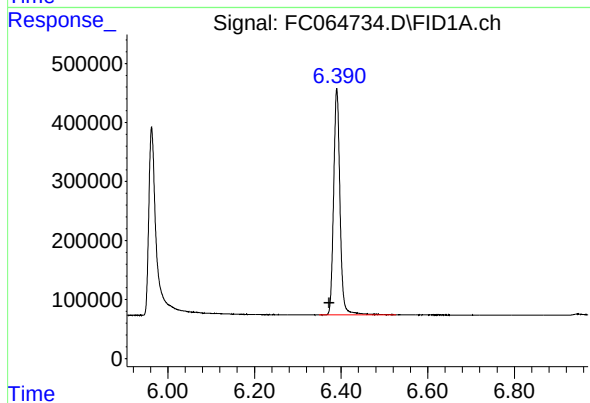
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.021 min
Response: 3839758
Conc: 21.37 ug/ml



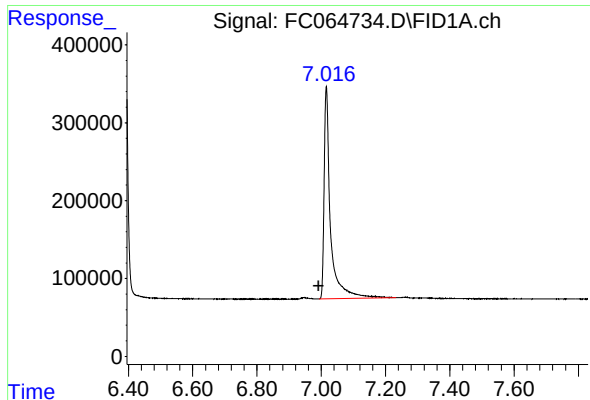
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.024 min
Response: 3932458
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.018 min
Response: 3905058
Conc: 21.50 ug/ml



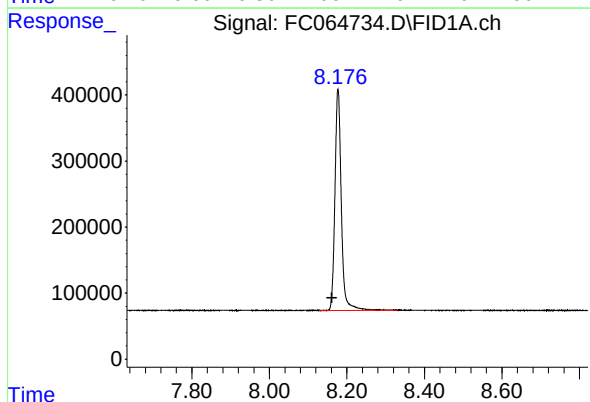
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.016 min
Delta R.T.: 0.023 min
Response: 3798136
Conc: 21.30 ug/ml

Instrument :
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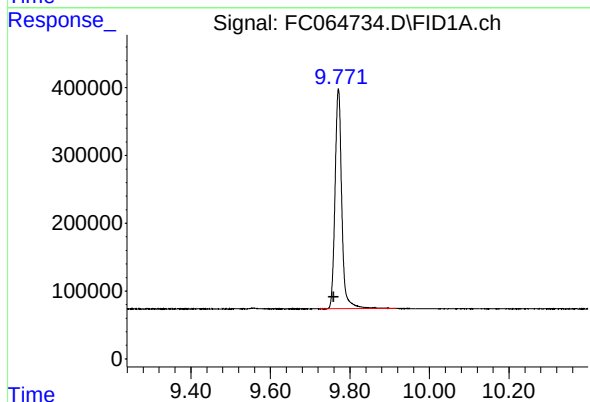
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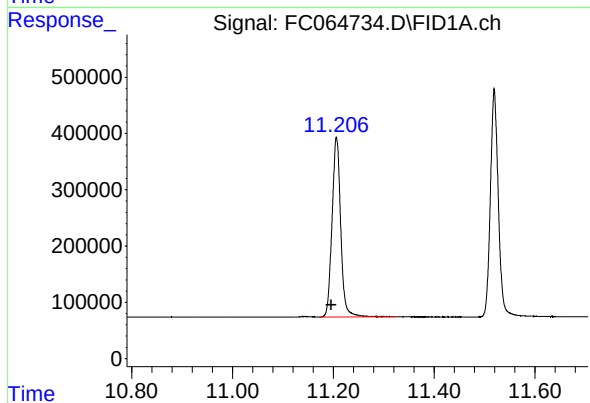
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: 0.016 min
Response: 3829143
Conc: 21.58 ug/ml



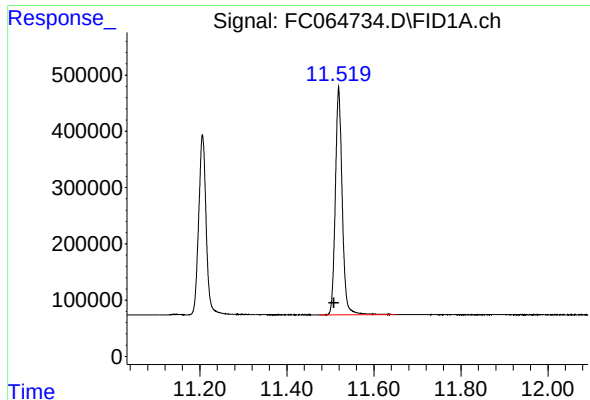
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 3828259
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.206 min
Delta R.T.: 0.011 min
Response: 3805336
Conc: 21.02 ug/ml



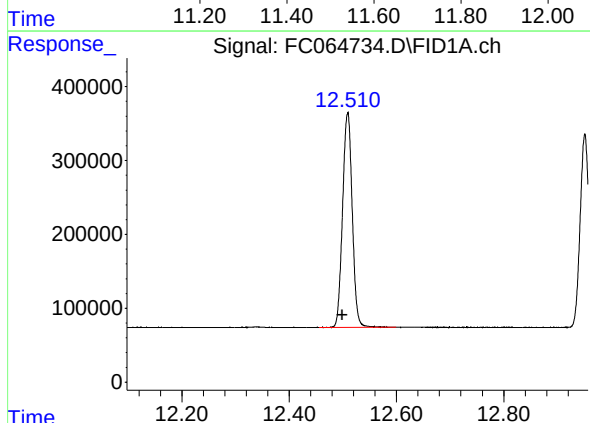
#9 ortho-Terphenyl (SURR)

R.T.: 11.519 min
Delta R.T.: 0.011 min
Response: 4432295
Conc: 21.90 ug/ml

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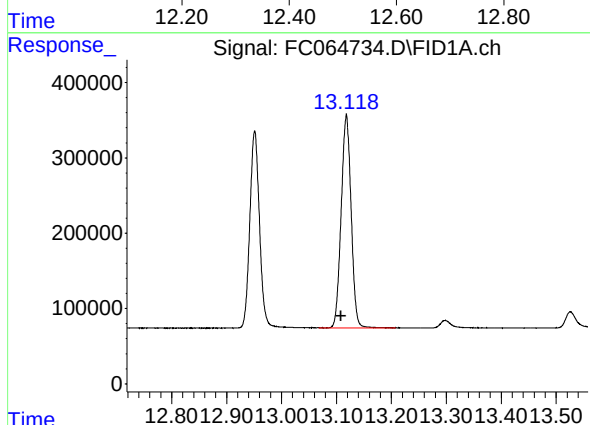
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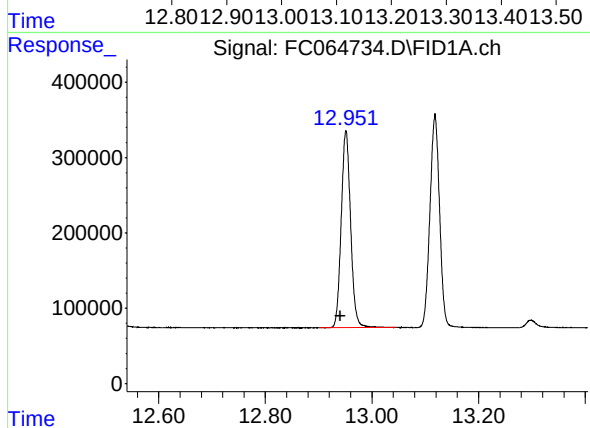
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: 0.010 min
Response: 3632623
Conc: 21.33 ug/ml



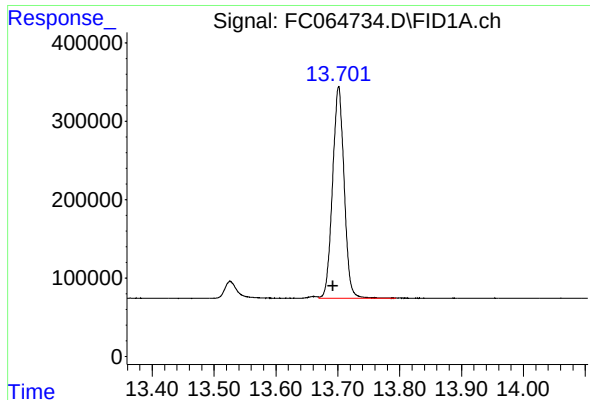
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: 0.010 min
Response: 3547651
Conc: 21.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.951 min
Delta R.T.: 0.011 min
Response: 3199653
Conc: 21.97 ug/ml



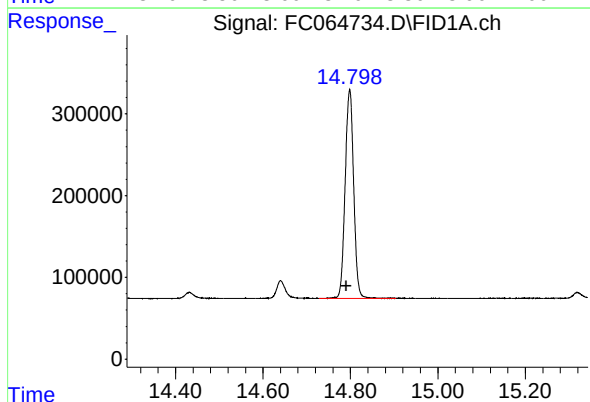
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: 0.010 min
Response: 3514239
Conc: 21.57 ug/ml

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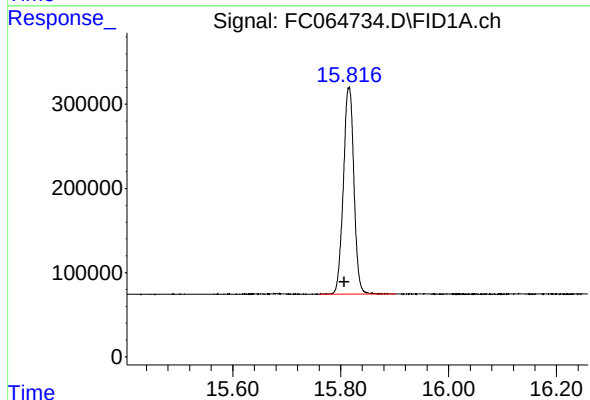
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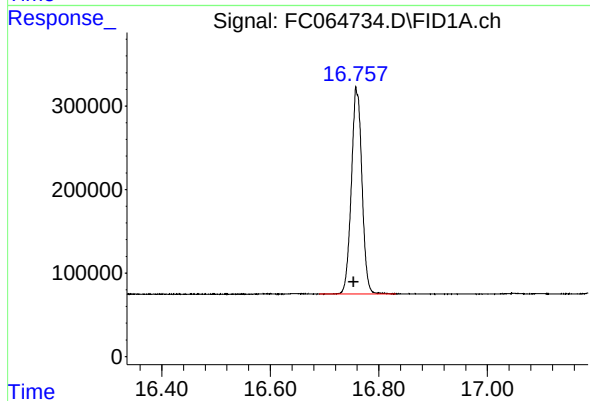
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.008 min
Response: 3458607
Conc: 21.79 ug/ml



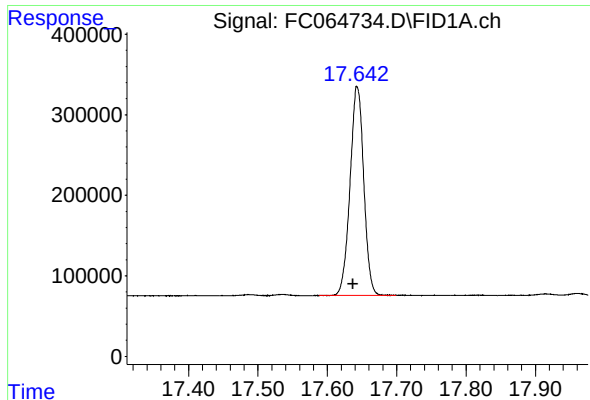
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: 0.009 min
Response: 3340333
Conc: 21.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.759 min
Delta R.T.: 0.005 min
Response: 3350201
Conc: 22.64 ug/ml



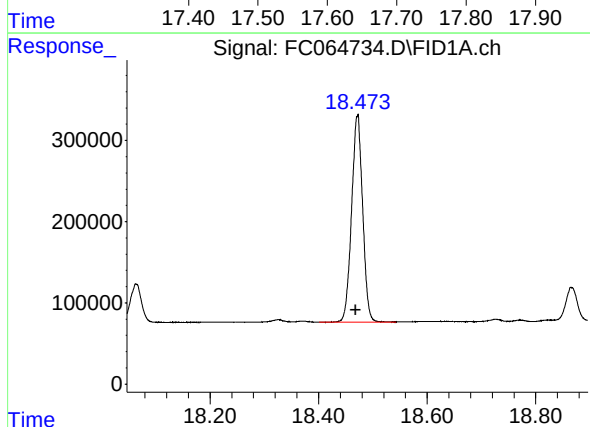
#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.006 min
Response: 3563944
Conc: 23.99 ug/ml

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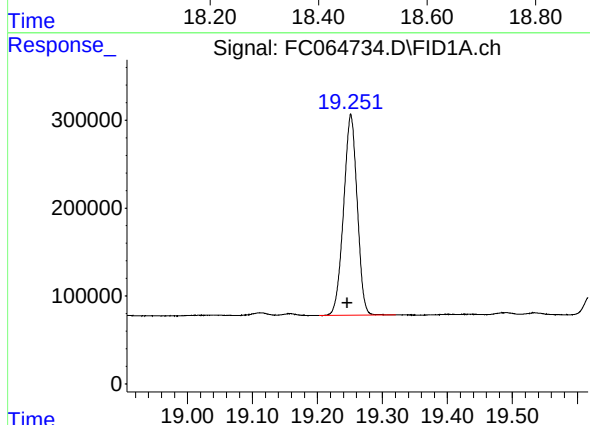
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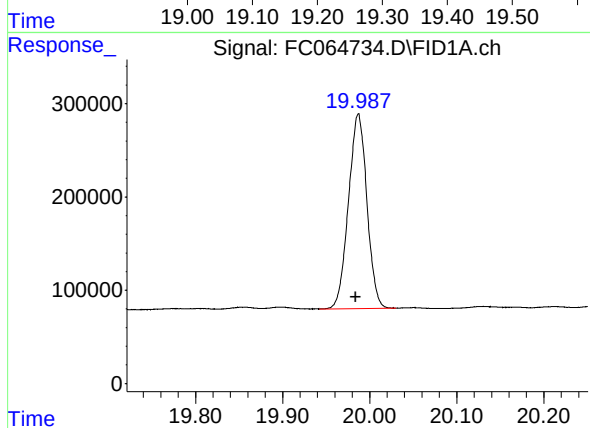
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: 0.004 min
Response: 3603495
Conc: 24.69 ug/ml



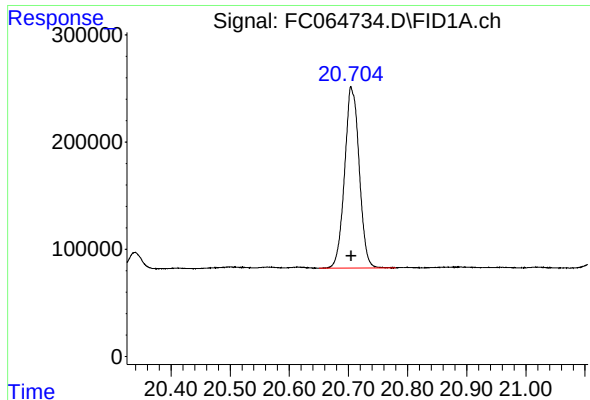
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.006 min
Response: 3326196
Conc: 23.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.987 min
Delta R.T.: 0.003 min
Response: 3069714
Conc: 22.29 ug/ml



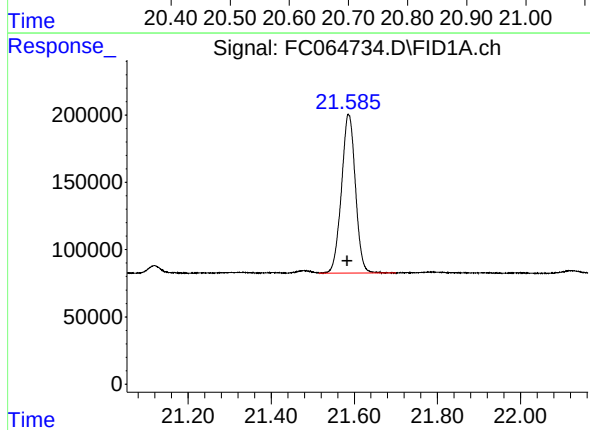
#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: 0.000 min
Response: 2893499
Conc: 21.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: 0.003 min
Response: 2752520
Conc: 20.24 ug/ml